

**TITLE OF INVENTION: METHOD FOR GENERATING VIDEO BASED ON
SCENE RECONSTRUCTION, STORAGE MEDIUM AND SYSTEM**

ABSTRACT

Embodiments of the present disclosure disclose a method for generating a video based on scene reconstruction, a system, and a storage medium. The method includes that: image data to be reconstructed is obtained, where the image data to be reconstructed is used for recording an image of a preset three-dimensional scene to be reconstructed; sparse reconstruction is performed on the image data to be reconstructed to obtain a reconstruction result; implicit modeling is performed based on the image data to be reconstructed and the reconstruction result to obtain a modeling result; and a target video is generated by using the modeling result, where the target video is used for performing scene roaming on the preset three-dimensional scene.

FIG. 4